

# PREFACE

## Talking with Authors and Readers

Forestry is one of the important and basic industries of national economy, and it is also an important public welfare cause. Forestry takes service with optimization of environment of human being and economical development. The development of forestry is becoming a major component part of global development strategy.

Since China has limited forest resources, expanding and making reasonable use of the existing forest resources is always being a central task for Chinese forestry researcher. With making a long effort, China has ended the passive state in keeping a continued decrease in forest volume, and entered the new stage for increasing in both forest area and forest volume. The existing area of forest is 200.6 million hectares and the percentage of forest coverage reaches 13.92%. The Total preserved area of artificial forest has reached up to 50 million hectares. However, in comparison with forestry developed countries, China still has a long way to go and faces many problems and challenges in development of forestry. The present total amount of forest resources can not meet the demands of modernization construction and sustained development. The ecological environment still presents worsening tendency caused by soil erosion, desert land, flooding and windstorm. Protection and development of forest resources are yet a formidable task.

Northeast Forestry University (NEFU), which is located in hinterland of state forest region, is a key university and backbone of the high forestry education and the scientific research, directly under the Ministry of Forestry, P. R. China. It undertakes the task of urging forestry development of China and the world. NEFU, established in 1952, and possess 8 national and the Ministry Forestry's key academic disciplines and the research programs have been expanded to more than 100 study directions. Many scientific research achievements made by the university won awards of national level or awards of the Ministry of Forestry, and most of them have been put into practical use, which advances the construction and economic development of forest regions.

NEFU pays great attention to international academic exchanges. It has academic exchanges with more than 100 academic organizations and set up formal cooperative relations with 40 universities and institutes distributed in 20 countries and regions. The University created eight kinds of periodicals: *Journal of Forestry Research* (in English), *Journal of Northeast Forestry University* (in Chinese, with English abstracts), *Journal of Forest Engineering* (in Chinese), *Journal of Forest Fire Prevention* (in Chinese), *Journal of Botanical Research* (in Chinese), *Journal of Wildlife* (in Chinese), *Chinese Forestry Business* (in Chinese), and *Forestry Financial and accounting* (in Chinese).

The *Journal of Forestry Research* grew out of the *Journal of Northeast Forestry University* (English Edition), which was created in 1990. In the beginning time, it was published semi-annually, and changed into a quarter journal in 1994. This journal attracted attention and concerns from forestry academic figures and is having more and more contributors at home and from foreign countries. From Vol. 8, No. 1, 1997, the *Journal of Northeast Forestry University* (English Edition) has been renamed as **Journal of Forestry Research** to expand the scope of the international academic exchanges in forestry and to develop to an internationalized and specialized journal. The *Journal of Forestry Research* mainly reports on practice and researches in Forest management, Tree breeding, Silviculture, Forest ecology, Forest soil, Forest disease and insect, Wildlife ecology and management, Wildlife protection and utilization, Wood science, Technology of wood processing, Forest machine, Forest engineering. The publication size of the journal has been changed from 185 mm × 260 mm to 210 mm × 285 mm.

The first number of the *Journal of Forestry Research* in 1997 has met its readers with a new face, through the efforts of editors and colleagues. I sincerely wish the reading public, authors and forestry academic figures give suggestions, concerns and supports to the improvement and development of the Journal. Contributions are welcome. At meanwhile, we hope to cooperatively run the *Journal of Forestry Research* with foreign organization of forestry to enhance force of running the journal and improve quality. I believe that, with concerns and supports of authors, and as well as our sustained efforts, this Journal will be runned into a fine internationalized scientific periodical in future.

Yang Chuanping

Vice president of Northeast Forestry University  
Editor-in-Chief of *Journal of Forestry Research*

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# 发 刊 词

林业是国民经济的重要基础产业，也是重要的社会公益事业，肩负着优化环境和促进经济发展的双重使命。林业发展正成为全球发展战略的重要组成部分。中国属于少林国家，如何扩大和合理利用森林资源，使其充分发挥经济效益和生态效益，一直是中国林业科技工作者的中心任务。经过长期的努力，中国林业已扭转了长期以来森林蓄积量持续下降的被动局面，已进入森林面积和蓄积量双增长的新阶段。中国现有森林 2.06 亿公顷，森林覆盖率达到 13.92%。全国人工造林保存面积累积已达 0.5 亿公顷，其速度和规模均居世界首位。但是，中国林业与世界林业发达国家相比，仍有差距，面临着不少问题和挑战。现有的森林资源总量还远远不能适应现代化建设和持续发展的需要。水土流失，土地沙漠化，水旱风灾等原因引发的生态环境恶化趋势，仍然非常严峻，保护和发展森林资源的任务相当艰巨。

东北林业大学作为地处中国东北国有林区腹地规模最大的一所林业部重点院校，是中国高等林业教育、林业科研的骨干力量，肩负着促进中国林业乃至全球林业发展的重任。东北林业大学建校 45 年来（1952），为国家培养了 4 万余名高级专门人才。学校拥有一批国家、部级重点学科，一些学科具有突出特色和优势。面向林区、面向生产实际开展学术研究，完成了数百项重大科研课题，并有 169 项成果获得国家级和省部级奖励。很多科技成果在生产中得到应用，促进了林业建设和林区经济的发展。

东北林业大学非常重视国际间的学术交流，与 20 多个国家和地区的近 40 所大学和研究机构建立了合作关系，与 100 多个学术团体进行学术交流。创办有 8 种科技期刊：《东北林业大学学报》、《林业研究》（英文）、《森林工程》、《森林防火》、《野生动物》、《植物研究》、《中国林业企业》、《林业财务与会计》。这些科技期刊，在报道、宣传、推广林业科研成果，促进学术交流方面起到重要作用。

《林业研究》的前身是《东北林业大学学报（英文版）》，创办于 1990 年，是中国第一种林业英文科技期刊，创办初期为半年刊，1994 年改为季刊。创刊以来，一直受到林业学术届人士的重视关怀，校外及国外作者稿件不断增多，促进了国际间的林业研究学术交流。为了进一步扩大国际学术交流范围，使本刊向国际化、专业化方向发展，经国家期刊主管部门批准，《东北林业大学学报（英文版）》自 1997 年第 8 卷第 1 期起改名为《林业研究》（英文）。主要刊登：森林经营、林木育种、造林、森林生态、森林土壤、森林保护、野生动物生态与管理、野生动物保护与利用、木材科学、木材加工工艺、森林采运技术等方面的原始论文。出版开本也由原来 185mm × 260mm 改为 210mm × 285mm。

经过《林业研究》编辑部全体同仁共同努力，《林业研究》以崭新的面目与广大读者见面了，希望广大作者、读者及有关林业学术界人士一如继往的关心、支持本刊的发展，多提宝贵意见。欢迎国内外作者踊跃投稿。为了充实办刊力量，提高办刊质量，我们坦诚地寻找合作办刊伙伴。我们相信，在广大作者、读者关心、支持下，加上我们不懈的努力，一定会将本刊办成国际化优秀期刊。

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东北林业大学副校长  
《林业研究》主编  
1997 年 3 月